

**What is claimed is:**

1. A liquid crystal display including a pixel area and a driving circuit, comprising:

at least two electrode links each extended from the pixel area; and

at least two pad members in contact with the driving circuit and the electrode links, each pad members having a different size in accordance with a length of the electrode link.

2. A liquid crystal display according to claim 1, wherein each pad member includes:

an electrode pad connected to the electrode link; and

a transparent electrode in contact with the driving circuit and the electrode pad,

wherein any one of the electrode pad and the transparent electrode varies along with the length of the electrode links.

3. A liquid crystal display according to claim 2, wherein the electrode pad varies along with the length of the electrode link in at least one of a width, a length and a thickness.

4. A liquid crystal display according to claim 3, wherein the electrode pad is extended toward the pixel area to have a different length in accordance with the length of the electrode link.

5. A liquid crystal display according to claim 4, wherein, when the electrode link has a relatively long length, the electrode pad has a relatively long length.

6. A liquid crystal display according to claim 4, wherein, when the electrode link has a relatively short length, the electrode pad has a relatively short length.

7. A liquid crystal display according to claim 2, wherein the transparent electrode varies along with the length of the electrode link in at least one of a width, a length and a thickness.

8. A liquid crystal display according to claim 7, wherein the transparent electrode is extended toward the pixel area to have a different length in accordance with the length of the electrode link.

9. A liquid crystal display according to claim 8, wherein, when the electrode link has a relatively long length, the transparent electrode has a relatively long length.

10. A liquid crystal display according to claim 8, wherein, when the electrode link has a relatively short length, the transparent electrode has a relatively short length.

11. A liquid crystal display including a pixel area and a driving circuit, comprising:

at least two electrode links each extended from the pixel area; and

at least two pad members in contact with the driving circuit and the electrode links, the pad members having a different non-resistivity in accordance with a length of the electrode link.

12. A liquid crystal display according to claim 11, wherein each pad member includes:

an electrode pad connected to the electrode link; and  
a transparent electrode in contact with the driving circuit and the electrode pad,  
wherein any one of the electrode pad and the transparent electrode varies along  
with the length of the electrode links in its non-resistivity.

13. A liquid crystal display including a pixel area and a driving circuit,  
comprising:

at least two electrode links each extended from the pixel area, the electrode links  
having lengths different from each other; and

at least two pad members in contact with the driving circuit and the electrode  
links,

wherein the electrode links are different from each other in a width.

14. A liquid crystal display according to claim 13, wherein, when the  
electrode link has a relatively long length, the electrode link has a relatively wide width.

15. A liquid crystal display according to claim 13, wherein, when the electrode link has a relatively short length, the electrode link has a relatively narrow length.

16. A liquid crystal display including a pixel area and a driving circuit, comprising:

at least two electrode links each extended from the pixel area, the electrode links having lengths different from each other; and

at least two pad members in contact with the driving circuit and the electrode links,

wherein the electrode links are different from each other in a non-resistivity.

17. A liquid crystal display according to claim 16, wherein, when the electrode link has a relatively long length, the electrode link has a relatively low non-resistivity.

18. A liquid crystal display according to claim 16, wherein, when the electrode link has a relatively short length, the electrode link has a relatively high non-resistivity.

19. A liquid crystal display including a pixel area and a driving circuit, comprising:

at least two electrode links each extended from the pixel area, the electrode links having lengths different from each other;

at least two pad members in contact with the driving circuit and the electrode links; and

at least two patterns for compensating a resistance difference due to a length difference between the electrode links.

20. A liquid crystal display according to claim 19, wherein the pattern varies along with the length of the electrode link in at least one of a width, a length and a thickness.

21. A liquid crystal display according to claim 20, wherein the pattern is extended toward the pixel area to have a different length in accordance with the length of the electrode link.

22. A liquid crystal display according to claim 21, wherein, when the electrode link has a relatively long length, the pattern has a relatively long length.

23. A liquid crystal display according to claim 21, wherein, when the electrode link has a relatively short length, the pattern has a relatively short length.

24. A liquid crystal display according to claim 20, wherein the pattern has a different non-resistivity in accordance with the length of the electrode link.

25. A liquid crystal display according to claim 24, wherein, when the electrode link has a relatively long length, the pattern has a relatively low non-resistivity.

26. A liquid crystal display according to claim 24, wherein, when the electrode link has a relatively short length, the pattern has a relatively high non-resistivity.

27. A liquid crystal display, comprising:  
a plurality of electrode links, each having an associated length;  
a substrate;  
a plurality of electrode patterns on said substrate;  
a plurality of transparent conductors, each in electrical contact with a corresponding one of said electrode patterns; and  
a plurality of contact portions, each in electrical contact with a corresponding one of said plurality of transparent conductors and with a corresponding one of said plurality of electrode links, whereby each of said transparent conductors is in electrical communication with a corresponding electrode link;  
wherein each of said transparent conductors has a length that depends on the length of its corresponding electrode link.

28. A liquid crystal display according to claim 27, further including a gate insulating film on said substrate.

29. A liquid crystal display according to claim 28, further including a protective film on said gate insulating film.

30. A liquid crystal display according to claim 29, wherein said protective film and said gate insulating film form a plurality of pad portions, and wherein each pad portion is on a corresponding electrode pattern.

31. A liquid crystal display according to claim 30, wherein said transparent conductors make electrical contacts with said electrode patterns via said pad portions.

32. A liquid crystal display according to claim 27, wherein each of said transparent conductors has a length that is directly proportional to the length of its corresponding electrode link.

33. A liquid crystal display according to claim 27, wherein each of said transparent conductors has a length that compensates for a resistance of its corresponding electrode link.

34. A liquid crystal display according to claim 32, wherein each electrode link has a resistance, and wherein each transparent conductor has a length such that the resistance between its corresponding electrode pattern and an end of its corresponding electrode link has a predetermined value.

35. A liquid crystal display, comprising:

an electrode link having a length;

a substrate;

an electrode pattern on said substrate;

a transparent conductor in electrical contact with said electrode pattern; and

a contact portion in electrical contact with said transparent conductor and with said electrode link;

wherein said transparent conductor has a length such that depends on the length of its corresponding electrode link.

36. A liquid crystal display according to claim 35, further including a gate insulating film on said substrate.

37. A liquid crystal display according to claim 36, further including a protective film on said gate insulating film.

38. A liquid crystal display according to claim 37, wherein said protective film and said gate insulating film form a pad portion on said electrode pattern.

39. A liquid crystal display according to claim 38, wherein said transparent conductor makes electrical contact with said electrode pattern via said pad portion.



40. A liquid crystal display according to claim 35, wherein said electrode link has a resistance, and wherein said transparent conductor has a length such that the resistance between said electrode pattern and an end of said electrode link has a predetermined value.

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